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CLAIMS

1. An apparatus comprising:

a peripheral device connected to a host device, wherein a speed of said peripheral device is adjusted in response to a one or more predetermined conditions.

2. The apparatus according to claim 1, wherein said peripheral device is further configured to electrically disconnect and reconnect at said adjusted speed to said host device.

3. The apparatus according to claim 1, wherein said electrical disconnection/reconnection comprises re-enumeration of said peripheral device.

4. The apparatus according to claim 1, wherein said peripheral device comprises a Universal Serial Bus (USB) device.

5. The apparatus according to claim 1, wherein said one or more predetermined conditions comprise one or more speed considerations and one or more power considerations.

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6. The apparatus according to claim 1, wherein said peripheral device is further configured to determine a required speed of said peripheral device.

7. The apparatus according to claim 1, wherein said peripheral device is further configured to determine a power conservation of said peripheral device.

8. The apparatus according to claim 1, wherein said peripheral device is further configured to switch from a first speed to a second speed in response to said one or more predetermined conditions.

9. The apparatus according to claim 1, wherein said peripheral device is further configured to switch from a first speed to a second speed in response to a user input.

10. An apparatus comprising:

means for detecting a current operating speed of a peripheral device; and

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5   means for changing the operating speed of said peripheral

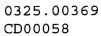in response to one or more predetermined conditions.

11.   A method for controlling the speed of operation of

a peripheral device, comprising the steps of:

(A)   detecting   a   current   operating   speed   of   said

peripheral; and

(B)   changing the operating speed of said peripheral in

response to one or more predetermined conditions.

12.   The method according to claim 11, wherein step (B)

further comprises the step of:

electrically   disconnecting   and   reconnecting   said

peripheral device.

13.   The method according to claim 11, wherein step (B)

further comprises re-enumeration of said peripheral device.

14.   The method according to claim 11, wherein said

peripheral device comprises a Universal Serial Bus (USB) device.

15. The method according to claim 11, wherein said one or more predetermined conditions comprise one or more speed considerations and one or more power considerations.

16. The method according to claim 11, wherein said peripheral device is further configured to determine required speed of said peripheral device.

17. The method according to claim 11, wherein said peripheral device is further configured to determine a power conservation of said peripheral device.

18. The method according to claim 11, wherein said peripheral device is further configured to switch from a first speed to a second speed in response to said one or more predetermined conditions.

19. The method according to claim 11, wherein said peripheral device is further configured to switch from a first speed to a second speed in response to a user input.

20. The method according to claim 11, wherein said peripheral device is further configured to determined required speed of said peripheral device.